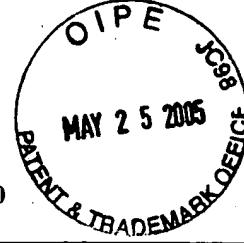


PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax **(703) 746-4000**



INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

24735 7590 04/05/2005

BAKER BOTTS LLP
C/O INTELLECTUAL PROPERTY DEPARTMENT
THE WARNER, SUITE 1300
1299 PENNSYLVANIA AVE, NW
WASHINGTON, DC 20004-2400

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/053,582	01/24/2002	Kazuki Hosoya	018842.1195	3494

TITLE OF INVENTION: HEAT EXCHANGERS AND METHODS FOR MANUFACTURING SUCH HEAT EXCHANGERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	07/05/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
DUONG, THO V	3743	165-133000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Baker Botts L.L.P.

2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Sanden Corporation

Gunma, Japan 05/27/2005 MBEYENE2 00000090 10053582

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date

05/25/05

Typed or printed name

Registration No.

33,470

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

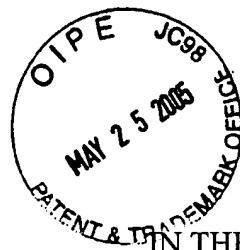
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FEE TRANSMITTAL

[MAIL STOP ISSUE FEE]

		Complete If Known																																																												
Total Amount Of Payment (\$)		1,736.00																																																												
METHOD OF PAYMENT (check one)		Attorney Docket No. 018842.1195																																																												
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to Deposit Account No. 02-0375 in the name of Baker Botts L.L.P.</p> <p><input type="checkbox"/> Charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account No. 02-0375.</p>		FEE CALCULATION (continued) <p>3. ADDITIONAL FEES</p> <table> <thead> <tr> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Surcharge - late filing fee or oath</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Extension for reply with 2 month</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Notice of Appeal</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Filing Brief in Support of Appeal</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Request for Oral Hearing</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Utility Issue Fee (or reissue)</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Design Issue Fee</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Plant Issue Fee</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Petitions to Commissioner</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Petition to Revive (unavoidable)</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Petition to Revive (unintentional)</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Petitions Related to Provisional Applications</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Submission of Information Disclosure Statement</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Filing Submission After Final Rejection</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Recordation of Assignment Document</td> <td>\$</td> </tr> <tr> <td><input type="checkbox"/> Filing Request for Reexamination</td> <td>\$</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other (specify) Publication and Advanced Copies (12) Fees</td> <td>\$ 736.00</td> </tr> </tbody> </table>			Fee Description	Fee Paid	<input type="checkbox"/> Surcharge - late filing fee or oath	\$	<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$	<input type="checkbox"/> Extension for reply with 2 month	\$	<input type="checkbox"/> Notice of Appeal	\$	<input type="checkbox"/> Filing Brief in Support of Appeal	\$	<input type="checkbox"/> Request for Oral Hearing	\$	<input type="checkbox"/> Utility Issue Fee (or reissue)	\$	<input type="checkbox"/> Design Issue Fee	\$	<input type="checkbox"/> Plant Issue Fee	\$	<input type="checkbox"/> Petitions to Commissioner	\$	<input type="checkbox"/> Petition to Revive (unavoidable)	\$	<input type="checkbox"/> Petition to Revive (unintentional)	\$	<input type="checkbox"/> Petitions Related to Provisional Applications	\$	<input type="checkbox"/> Submission of Information Disclosure Statement	\$	<input type="checkbox"/> Filing Submission After Final Rejection	\$	<input type="checkbox"/> Recordation of Assignment Document	\$	<input type="checkbox"/> Filing Request for Reexamination	\$	<input checked="" type="checkbox"/> Other (specify) Publication and Advanced Copies (12) Fees	\$ 736.00																				
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<p>2. <input checked="" type="checkbox"/> Check Enclosed. The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to Deposit Account No. 02-0375 in the name of Baker Botts L.L.P., The Warner, Suite 1300, 1299 Pennsylvania Avenue, N.W., Washington, D.C. 20004-2400.</p>		FEE CALCULATION <p>1. BASIC FILING FEE <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity</p> <table> <thead> <tr> <th></th> <th><u>Fee Paid</u></th> </tr> </thead> <tbody> <tr> <td>Utility Filing Fee</td> <td>\$</td> </tr> <tr> <td>Design Filing Fee</td> <td>\$</td> </tr> <tr> <td>Plant Filing Fee</td> <td>\$</td> </tr> <tr> <td>Reissue Filing Fee</td> <td>\$</td> </tr> <tr> <td>Provisional Filing Fee</td> <td>\$</td> </tr> </tbody> </table>				<u>Fee Paid</u>	Utility Filing Fee	\$	Design Filing Fee	\$	Plant Filing Fee	\$	Reissue Filing Fee	\$	Provisional Filing Fee	\$																																														
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<p>2. EXTRA CLAIMS FEES</p>		CLAIMS AS AMENDED <table> <thead> <tr> <th rowspan="2">For</th> <th rowspan="2">Number Present</th> <th rowspan="2">Highest Number Paid For</th> <th rowspan="2">Extra</th> <th colspan="2">Rate</th> <th rowspan="2">Amount</th> </tr> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr> <td>TOTAL CLAIMS</td> <td></td> <td>20</td> <td>0</td> <td>x \$ 50.00</td> <td>x \$ 25.00</td> <td>\$0.00</td> </tr> <tr> <td>INDEPENDENT CLAIMS</td> <td></td> <td>3</td> <td></td> <td>x \$ 200.00</td> <td>x \$ 100.00</td> <td>\$0.00</td> </tr> <tr> <td>MULTIPLE DEPENDENT CLAIMS</td> <td></td> <td></td> <td></td> <td>\$ 360.00</td> <td>\$ 180.00</td> <td>\$0.00</td> </tr> <tr> <td>TOTAL EXTRA CLAIMS FEES</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0.00</td> </tr> <tr> <td colspan="4">SUBMITTED BY</td> <td colspan="3">Complete (if applicable)</td> </tr> <tr> <td>Typed or Printed Name</td> <td colspan="3">James E. Apolin</td> <td colspan="2">Registration No.</td> <td>33,470</td> </tr> <tr> <td>Signature</td> <td></td> <td>Date</td> <td>5/25/05</td> <td colspan="2">Deposit Account User ID</td> <td>02-0375</td> </tr> </tbody> </table>			For	Number Present	Highest Number Paid For	Extra	Rate		Amount	Large Entity	Small Entity	TOTAL CLAIMS		20	0	x \$ 50.00	x \$ 25.00	\$0.00	INDEPENDENT CLAIMS		3		x \$ 200.00	x \$ 100.00	\$0.00	MULTIPLE DEPENDENT CLAIMS				\$ 360.00	\$ 180.00	\$0.00	TOTAL EXTRA CLAIMS FEES						\$0.00	SUBMITTED BY				Complete (if applicable)			Typed or Printed Name	James E. Apolin			Registration No.		33,470	Signature		Date	5/25/05	Deposit Account User ID		02-0375
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Patent
Attorney Docket No. 018842.1195

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
Kazuki HOSOYA et al.) Examiner Tho V. DUONG
Serial No. 10/053,582) Group Art Unit: 3743
Filed: January 24, 2002) Confirmation No. 3494
For: HEAT EXCHANGERS AND METHODS)
FOR MANUFACTURING SUCH HEAT)
EXCHANGERS)

ISSUE FEE PAYMENT AND NOTICE OF PUBLICATION FEE DUE

MAIL STOP ISSUE FEE

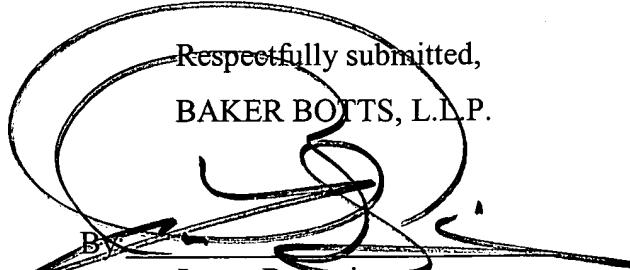
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Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the Notice of Allowance and Fee(s) Due mailed April 5, 2005, Applicants are enclosing a check covering the Issue Fee, Publication Fee, and cost for 12 advance copies of the patent in the amount of \$1736.00 (\$1400.00, \$36.00, and \$300.00) for filing in the above-captioned patent application. Applicants also are enclosing Part B of the Fees Transmittal. In the event of any variance between the amount enclosed and the fees determined

by the U.S. Patent and Trademark Office, please charge or credit such variance to the undersigned's Deposit Account No. 02-0375.

Respectfully submitted,
BAKER BOTTS, L.L.P.



By: _____
James B. Alpin
Registration No. 33,470

Dated: May 25, 2005

Baker Botts, L.L.P.
The Warner - Suite 1300
1299 Pennsylvania Avenue, N.W.
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Fax: (202) 639-7890

JBA/djw
Enclosures